

RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
GROUP 2828  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q64226

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Toshiro HAYAKAWA

MAR 22 2004

Application No.: 09/840,025

Group Art Unit: 2828

OFFICIAL

Confirmation No.: 4254

Examiner: Cornelius H. Jackson

Filed: April 24, 2001

For: SEMICONDUCTOR LASER MODULE HAVING OPTICAL WAVELENGTH  
CONVERSION ELEMENT AND SEMICONDUCTOR LASER ELEMENT WHICH  
INCLUDES QUANTUM-WELL SUBLAYERS HAVING DIFFERENT THICKNESS  
AND/OR COMPOSITIONS

RESPONSE UNDER 37 C.F.R. § 1.116

FILED  
FEB - 4 2003

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 4, 2004, please consider the remarks as

04/08/2004 J WILLIAM 00000003 194800 09000005  
submitted herewith on the accompanying pages.  
01 FC:1251 110.00 DA

REMARKS

Takano discloses an active layer structure including an electroluminescence section and a carrier accumulation section which has a different band gap energy from that of the electroluminescence section so as to suppress the active wavelength chirping. In addition to the operation of the laser in Takano in no way suggesting the concept behind the present invention, Applicant respectfully submits that Takano and Sonoda would not be combined in the manner